

UAS Unit Test Questions

1. According to the METAR below, what are the current conditions for Brown Field?
KSDM 201653Z COR 27005KT 4SM BR OVC009 18/14 A2995
 - A. Sky 900 feet overcast, visibility 4M, broken clouds
 - B. Sky 900 feet overcast, visibility 4M, mist
 - C. Sky 90 feet overcast, visibility 4M, mist
 - D. Sky 9000 feet overcast, visibility 4M, mist
2. When the control tower at Palomar Airport is closed, the Class D airspace is
 - A. Class G
 - B. Class E
 - C. Unchanged
 - D. Class A
3. According to 14 CFR part 107, what is required to operate a small UAV within 30 minutes after official sunset?
 - A. Must be operated in a rural area
 - B. Use of FLIR
 - C. Use of anti-collision lights
 - D. Use of a transponder
4. If an unstable air mass is forced upward, what type clouds can be expected?
 - A. Stratus clouds with considerable associated turbulence.
 - B. Clouds with considerable vertical development and associated turbulence.
 - C. Stratus clouds with little vertical development.
 - D. Fog becoming overlying stratus clouds
5. According to the METAR below, what is the wind direction and velocity for KSAN
KSAN 201809Z 32006KT 10SM OVC015 19/15 A2996
 - A. 015° true at 6 knots
 - B. 320° magnetic at 6 knots
 - C. 180° true at 9 knots
 - D. 320° true at 6 knots
6. What is the height of the lighted obstacle 13.5 miles SW of Fallbrook Airport (L18)?
 - A. 414 feet AGL
 - B. 371 feet MSL
 - C. 371 feet AGL
 - D. 785 feet MSL

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7. What is required to fly a mission at 32° 55'N – 117°06' W?
8. The shaded magenta area on a sectional chart represents what?
- A. Class E airspace at 700 feet AGL
 - B. Class G airspace at 1200 feet AGL
 - C. Class G airspace at 700 feet AGL
 - D. Class E airspace at 700 feet MSL
9. According to the TAF for KNKX below, what is the valid period of report?
KNKX 2015/2115 VRB05KT 9999 OVC010 QNH2992INS
BECMG 2016/2018 25008KT 9999 FEW020 QNH2987INS
FM210230 VRB05KT 9999 BKN015 QNH2989INS
- A. 20th day 1600 to 1800Z
 - B. 20th day to 21st day 1500 to 1500Z
 - C. 21st day at 0230Z
 - D. 20th day 1500 to 21st day to 0230Z
10. The floor of Class B airspace at Lake Hodges is
- A. 10,000 feet
 - B. 4,800 feet
 - C. 2,600 feet
 - D. 6,800 feet
11. What is the airspace in Valley Center?
- A. 700 feet MSL
 - B. 1200 feet AGL
 - C. 700 feet AGL
 - D. 1200 feet AGL
12. On a UASU call to the area, what is the airspace over San Diego State University?
- A. Class B
 - B. Class D
 - C. Class G
 - D. Class E